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ONC-1999
Copy 1 of 4
28 July 1961

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report of Meeting at [REDACTED]
on 26 July 1961

1. The purpose of this meeting was to determine type of film, processing steps and by whom processing and correlation of film will be performed in connection with the flight tests and operation of the AN/APQ-93 (XA-1) being developed for the INVAR Program.

2. In attendance at the meeting were:

Hdgra. Personnel:

25X1A9a

[REDACTED]

EK Personnel:

[REDACTED]

STATINTL

SEI Personnel:

[REDACTED]

STATINTL

ITEK Personnel:

[REDACTED]

STATINTL

Westinghouse Personnel:

[REDACTED]

STATINTL

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186
DOCUMENT NO. 186
NO CHANGE IN CLASS. 1
DECLASSIFIED
CLASS. CHANGED TO TS S C 10/17
NEXT REVIEW DATE: 10/17
AUTH: HR 70-2
DATE: 6/9/02 REVIEWER: 010958

3. Operation of the recorder with respect to transmission of the light image from the cathode ray tube to film was explained by ITEX personnel to acquaint EK with characteristic requirements of film. ITEX set forth the following film specifications in priority order:

- a. Resolution--100 1/mm (200 1/mm per EK standard)
- b. Ex. vs trans. linearity over maximum range
- c. Sensitivity
- d. Stable base.

SO-132 and SO-243 film have been tested by ITEX, however, neither fulfilled all requirements. EK agreed to send ITEX samples and info on other types of film for test. These samples will be sent via mail from EK to [REDACTED] SRI who will deliver them to ITEX. This communication channel will be followed until an approved channel is established between EK and ITEX. Working relations between EK and ITEX are not to be disclosed.

STATINTL

4. Although it appeared that ITEX desired to process all film, it was agreed by those present that processing would be handled as follows:

- Step 1 - Processing of test film made prior to the flight test program will be done by ITEX.
- Step 2 - Processing of film taken during flight test program in approx 50 ft. lengths will be done by ITEX using EK as consultant. ITEX has an EH-11 with modifications to control temperature, speed, etc., which they feel will be adequate for this step.
- Step 3 - Processing of film taken during operations will be done by EK at Rochester.

5. The correlator will remain at ITEX through Step 2, above, at which time it will be moved to EK. ITEX requested that they be authorized to erect a "clean room" to house the correlator since this machine will be located apart from their photo lab. for reasons of security, and since control of temperature, humidity and dust is necessary for proper operation of the machine. This matter was left open, however, O'Brien stated that he will make further requests for authorization to erect the clean room. The room he has in mind will have only minimum essentials and is estimated to cost \$15,000 or less.

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After the meeting Ed Green was queried by the undersigned as to the need for a "clean room." Ed stated that the room was necessary for proper operation of the correlator, but an elaborate set-up was not essential. Ed suggested that suitable floor, wall and ceiling covering, plus a 3-5 ton air conditioner and humidity control, probably GFF from the Supply Depot, should suffice.

SIGNED

[REDACTED]

25X1A9a

DPD-DD/[REDACTED]
Distribution:
0-CS/DPD-1200-
2-CS/DPD-HB-400
3-Maj. Hoy
✓-RI/DPD

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